Abstract

The invention relates to a method and a device for a fast performance of network operations via a network with high delay times by means of a module for processing system calls of an application layer and for initiating network operations of a network layer. In said module a differentiation between a blocking and a non-blocking implementation mode is made. A non-blocking execution mode means that the considered system call returns a logical value as result to the application, which signalizes whether the system call was successfully executed. In this case it is provided by the invention to directly send a logical value to the application when a non-blocking system call is called, without having waited for the actual result of the operation executed in the communicating partner instance and corresponding to the system call. The handling of the results of the actually executed operations takes place at a later time. With this modification the network operations, which are derived from the system calls, are executed faster, as the actual result is not waited for at each call, which also implies the reduction of the number of the required RTTs (Round Trip Time).

Fig. 1